

Case study - Test & Measurement

NETWORK TEST SYSTEM



REQUIREMENT

The system was developed for testing and verifying high-speed network elements and is used as a standalone system. It should be portable and must have a large display assembled.



CHALLENGE

The system requires a touchscreen as an input and output unit. It must be lightweight with top handle for service technicians and the customer wanted to have a unique system design.



SOLUTION



The system is built and the controller board integrated by Pentair. The backplane with CompactPCI connectors enables versatile system configurations. The exchangeable fan unit ensures adequate cooling and serviceability. The enclosure from the RatiopacPRO family offers many design options. Through simple modifications, Pentair developed a one-of-a-kind customer solution from standard components.

Project Details

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| Location | Germany |
| Industry | Test and measurement |
| Application | Network test system |
| Technology | Proprietary system based on IEEE standard |
| Product scope | Proprietary system based on 6U boards |
| Date/Time frame | Prototype 2013, series started in 2014 |
| Contract scope | Annual quantity 150 pcs |